

C&K CG Series Single Pole Power Rocker Switches

Features/Benefits

- ***Bevelled frame***
- ***Illuminated versions available***
- ***Easy panel mount installation***

Typical Applications

- **Computers and peripherals**
- **Small appliances**
- **Instrument panels**
- **Industrial controls**



Specifications

CONTACT RATING:

UL/CSA: 16 AMPS @ 125 VAC, 10 AMPS @ 250 VAC.

VDE μ T85: 10 AMPS @ 250 VAC, 6 AMPS @ 250 VAC.

ELECTRICAL LIFE: 10,000 make and break cycles at full load.

INSULATION RESISTANCE: $10^8 \Omega \text{ min.}$

DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.

Materials

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, matte finish.

ILLUMINATED ACTUATOR: Polycarbonate, matte finish.

CENTER CONTACTS: Silver plated, copper alloy.

END CONTACTS: Silver plated.

ALL TERMINALS: Silver plated, copper alloy.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages 12 thru 14. For additional options not shown in catalog, consult Customer Service Center.

Switch Function _____

CG101 SPDT On-None-On
CG102 SPST On-None-Off
CG103 SPDT On-Off-On
CG105 SPDT Mom-Off-Mom
CG12 * SPST On-None-Off

Actuator _____

J1 Rocker
J2 **Two-tone rocker
J3 Illuminated rocker

Actuator Color _____

2 (STD). Black
1 White
3 Red
R Red, illuminated
A Amber, illuminated
G Green, illuminated

Mounting Style/Color _____

S2 (STD.) Snap-in, black
S1 Snap-in, white

Termination _____

05 (STD.) .250" quick connect
07 Solder lug

Actuator Marking _____

(NONE) (STD.) No marking
D ON-OFF
H "O I" - international ON-OFF
P "O -" international ON-OFF

Contact Rating _____

QF (STD.) Silver

Lamp Rating _____

(NONE) (STD.) No lamp
7 125 VAC neon
8 250 VAC neon

CG12 - for switches with both marking and illumination

* CG12 - for switches with both marking and illumination

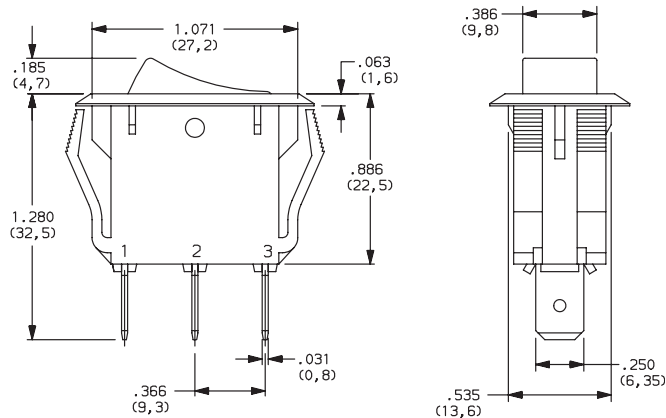
** J2 - refer to table on page 14 for actuator options

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SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
								
		C&K marking on opposite side			C&K marking on opposite side			
SP	CG101	ON	NONE	ON	2-3	N/A	2-1	
	CG102	ON	NONE	OFF				
	CG103	ON	OFF	ON		OR		
	CG105	MOM	OFF	MOM		For Illuminated Version		
	CG12 *	ON	NONE	OFF				

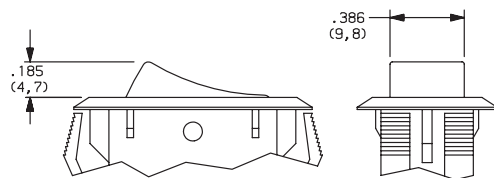
* CG12 - for switches with both marking and illumination



ACTUATOR

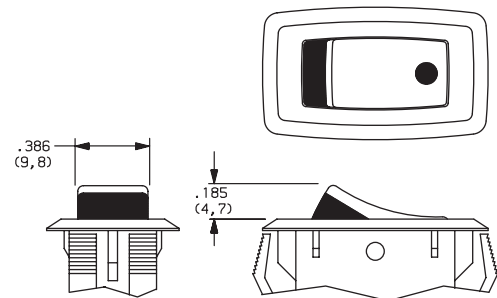
J1 ROCKER

J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with CG102 switch function only.

J2 TWO-TONE ROCKER



NOTE: Available with CG102 switch function only.

C&K CG Series

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ACTUATOR COLOR

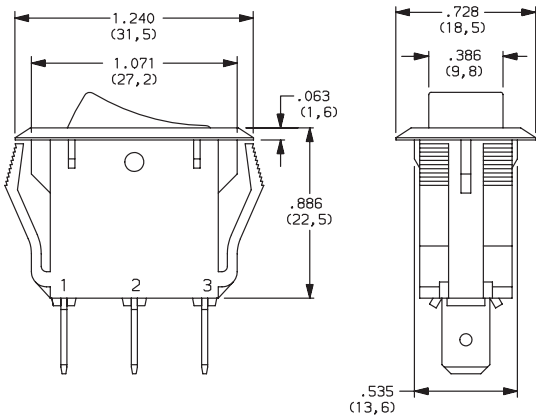
OPTION CODE	ACTUATOR COLOR
2	(STD.) BLACK
1	WHITE
3	RED
R	RED, ILLUMINATED
A	AMBER, ILLUMINATED
G	GREEN, ILLUMINATED

OPTION CODE	ACTUATOR COLOR	
	TOP	BOTTOM
1	WHITE	RED
2	WHITE	BLACK
3	RED	WHITE
4	BLACK	WHITE
5	BLACK	RED

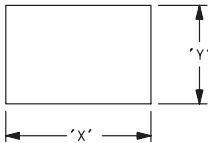
J2 actuator only

MOUNTING STYLE/COLOR

- S2 (STD.) SNAP-IN, BLACK
- S1 SNAP-IN, WHITE



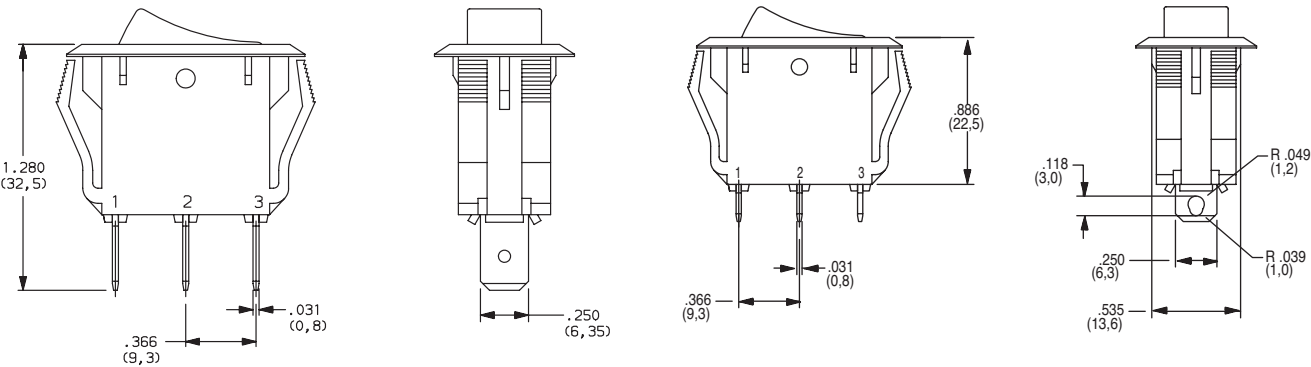
PANEL MOUNTING



PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.087-.004 (27,6-0,1)	0.543+.004 (13,8+0,1)
0.049-0.079 (1,25-2,0)	1.094-.004 (27,8-0,1)	0.543+.004 (13,8+0,1)
0.079-0.118 (2,0-3,0)	1.102-.004 (28,0-0,1)	0.543+.004 (13,8+0,1)

TERMINATION

- 05 (STD.) .250" QUICK CONNECT
- 07 SOLDER LUG



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ACTUATOR MARKING



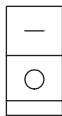
NONE (STD.) NO MARKING



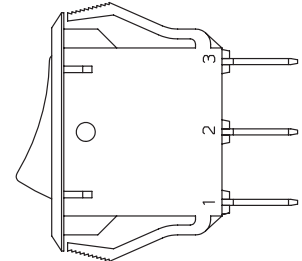
D ON-OFF



H O I



P O -



NOTE: Orientation of actuator marking and terminals.

CONTACT MATERIAL



OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
QF (STD.)	SILVER	POWER	16 AMPS @ 125 VAC; 10 AMPS @ 250 VAC (UL/CSA) 10 AMPS @ 250 VAC (VDE) μ T85.

LAMP RATING



(NONE) (STD.) NO LAMP

7 125 VAC 33k Ω NEON

8 250 VAC 150k Ω NEON

NOTE: Lamp rating for J3 actuator option.